

Man vs: The wild animals of Big Sky Country

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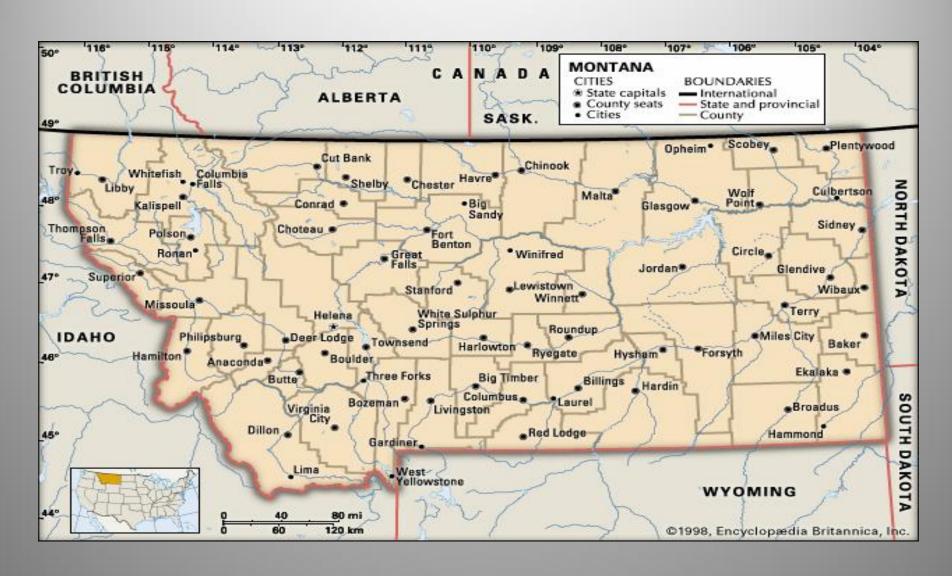


Behavioral Objectives

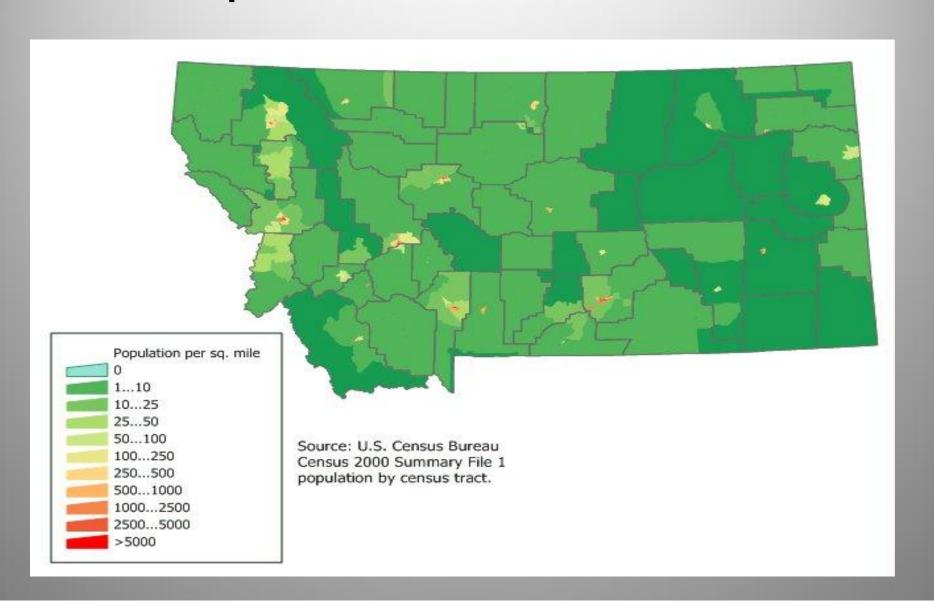
- Flight nursing challenges unique to Montana
- Injuries sustained in wild animal attacks
- Specific treatment techniques used wild animal attacks



My Backyard



Population Distributions



How Bis is Big Sky Country

Montana vs: Massachusetts



Where to find Healthcare

EMS, the front line

Hospitals and Trauma Designations

Availability of Services

Flight Teams

Distance

The Golden Hour Montana Style

The Golden Hour

 The Golden Hour...Montana Style



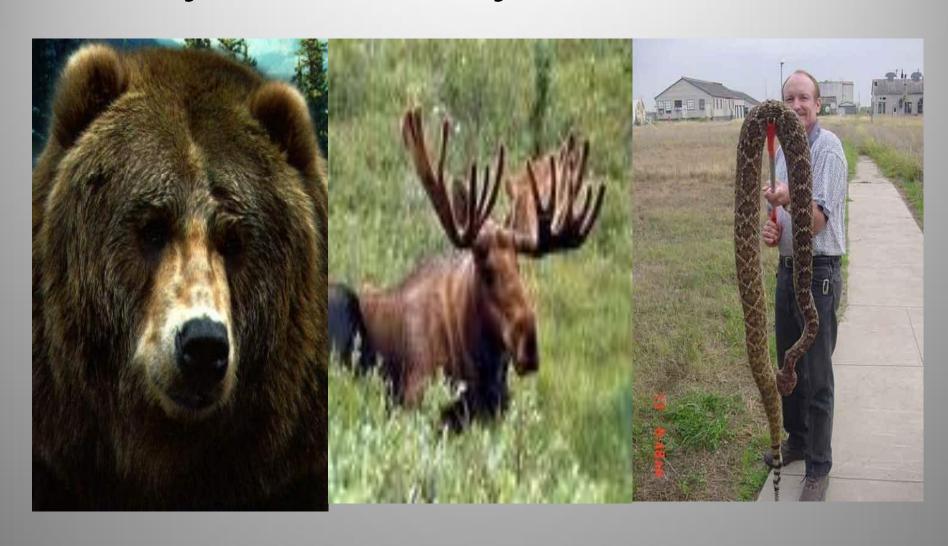
Why are people attacked

- Encroachment
- Perception vs: Reality
- Attitude
- Food Chain
- Gun Fire





Say Hello to my little friends!



Ursus Arctos Horribilis The North American Grizzly

- Distribution
- Description
- Diet
- Speed
- Predators



Alces Alces The Shiras Moose

- Distribution
- Description
- Diet
- Horns
- Behavior



Crotalus Viridus The Prairie Rattlesnake



- Distribution
- Description
- Diet
- Fangs and Venom
- Facts and Myths

Any day is a good for FISHING

55 y/o Male

- Drinking and Fishing
- Untrained Snake Handler
- Delay in seeking care
- Critical Access without Anti-Venom



HOLY @#\$%&

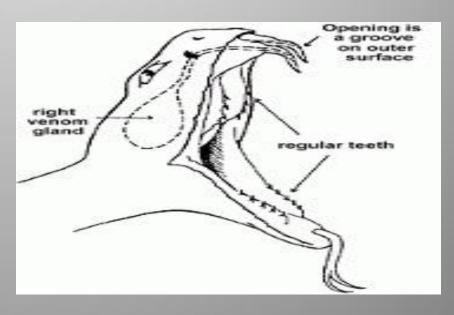
 Staff and Capabilities limited

Pre-Arrest GCS 1-1-1

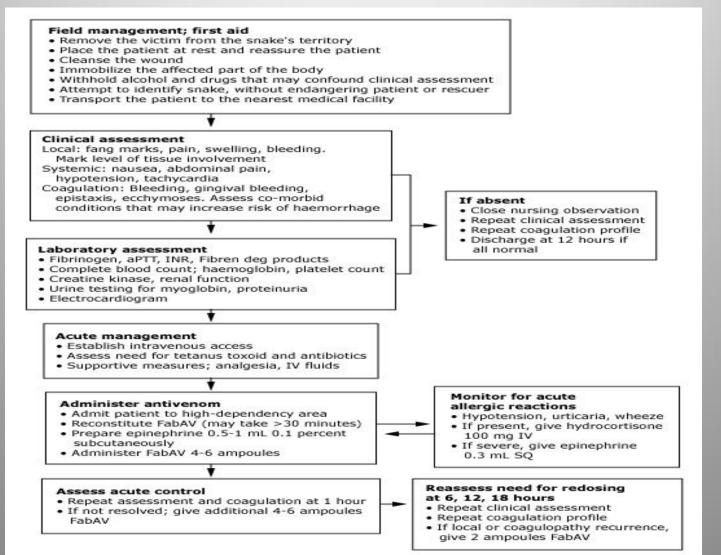
 ABC/ACLS/Pressors/ AntiVenom

Transport





Rattlesnake Envenomation Algorithm



"The patient is in great peril"

• A-B-C

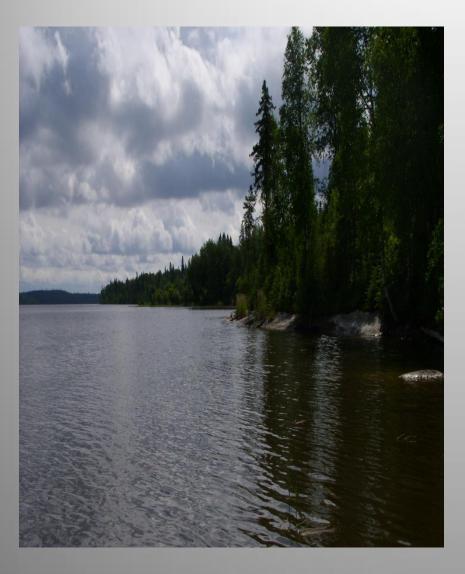
Labs

CroFab

Renal Failure and DIC



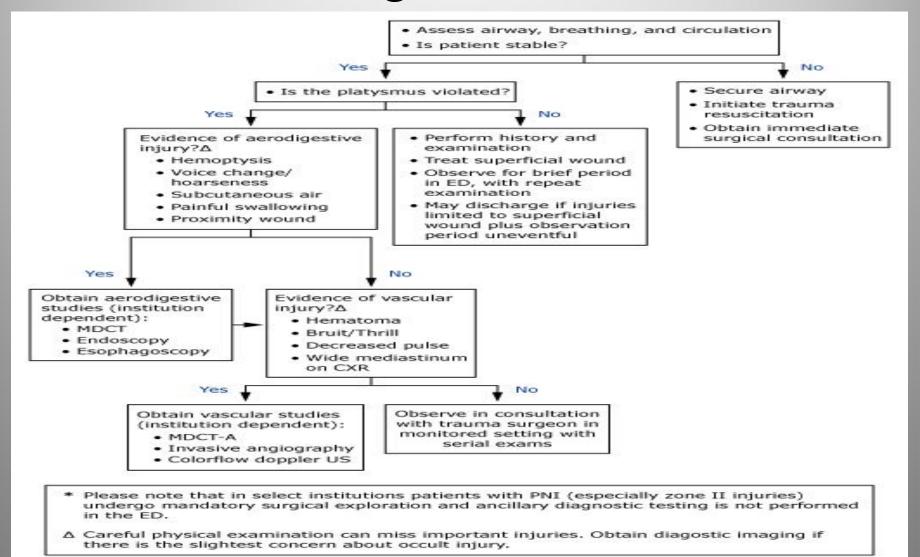
"I thought I would die!"



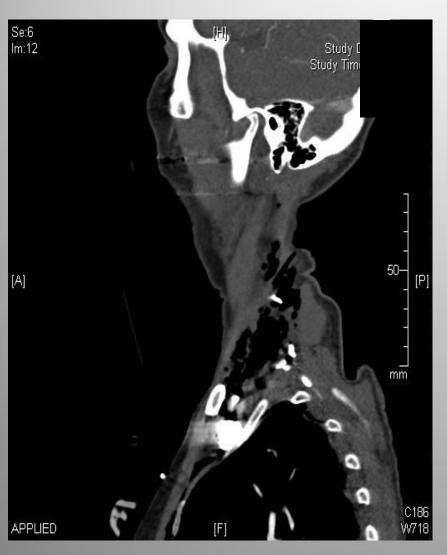
60 y/o Female

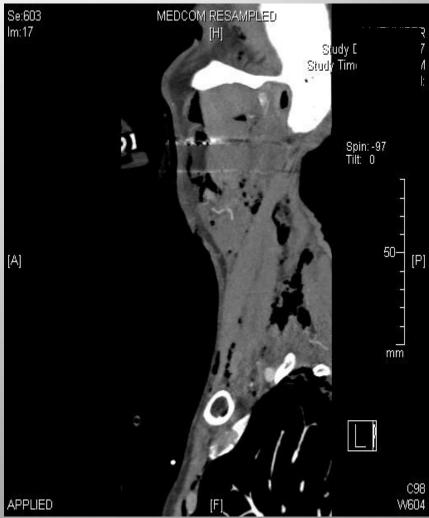
- Remote Wilderness
- Bull Moose
- Awake and Alert
- POV/EMS/ER

Penetrating Neck Trauma Algorithm

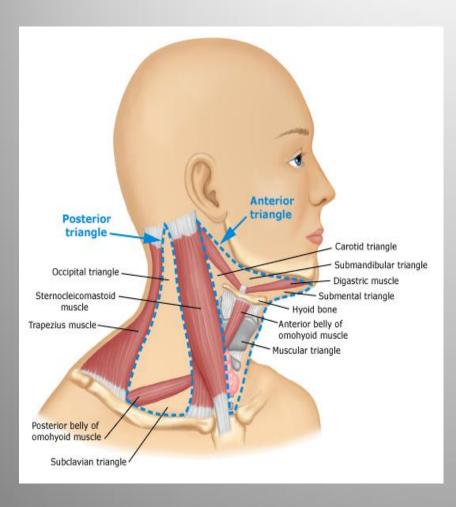


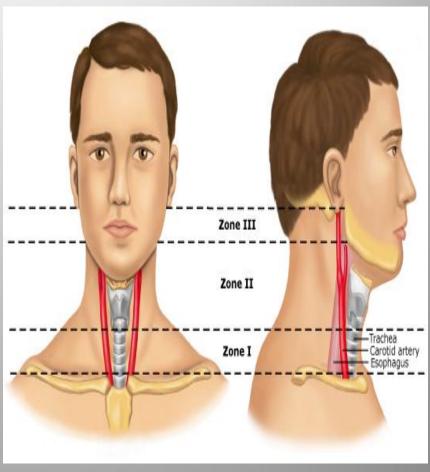
Lateral Neck CT





Neck Zones





"Minding my own business"

52 y/o Male

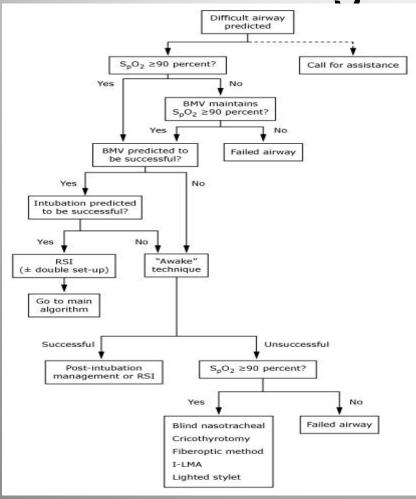
Western Montana

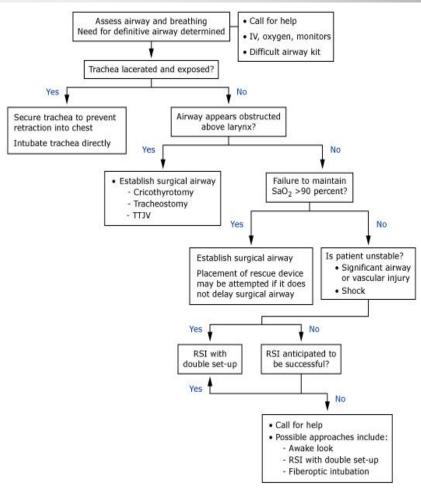


- Recent Deer kills site
- POV/EMS/ER
- Airway, Breathing, CHOPPER!



Trauma and Difficult Airway Algorithms



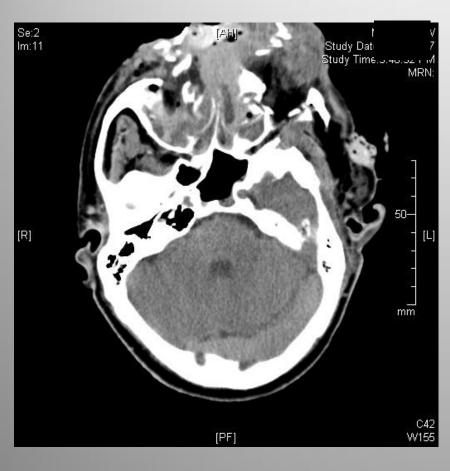


To expose or not expose?





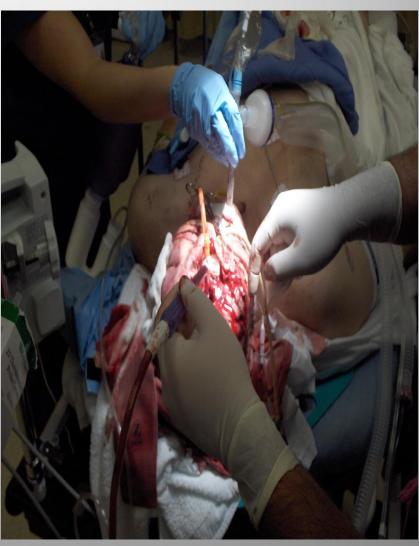
Soft Tissue NIGHTMARE!



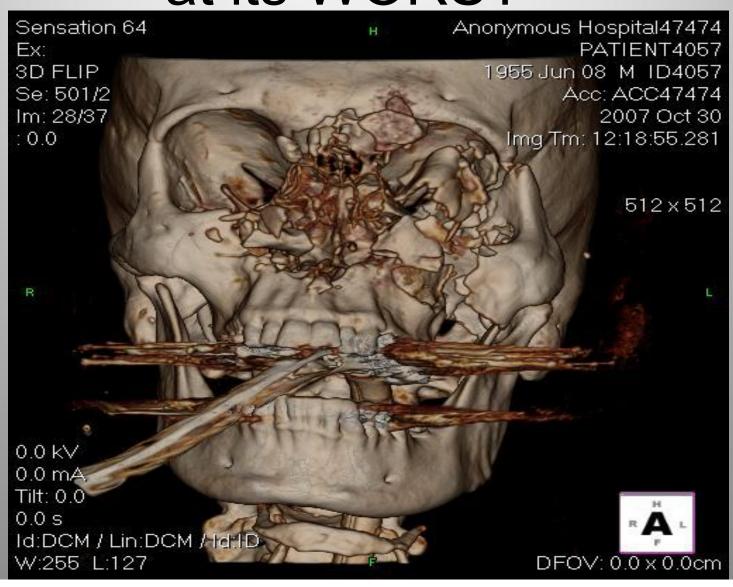


Airway, Breathing and Bleeding

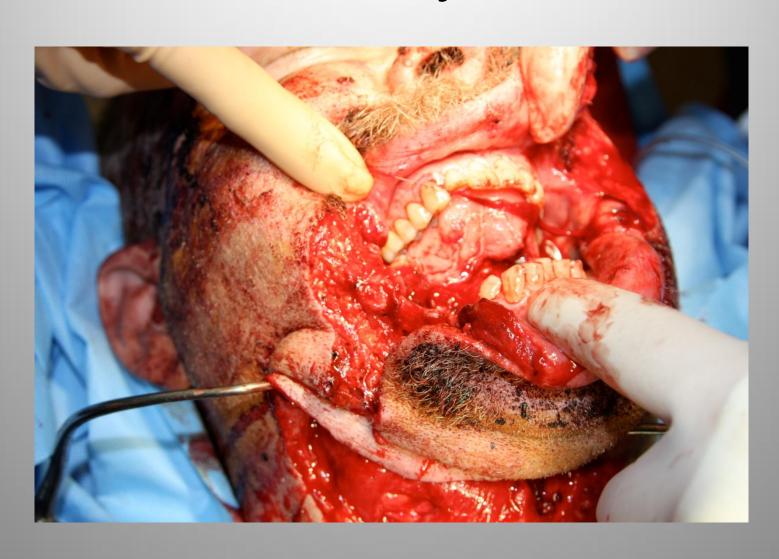




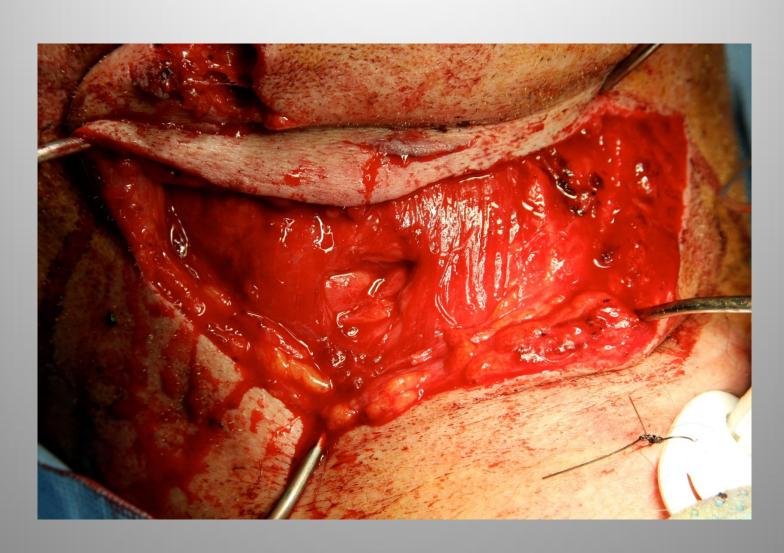
Cranio-Facial Trauma at its WORST



2009 Grizzly Attack

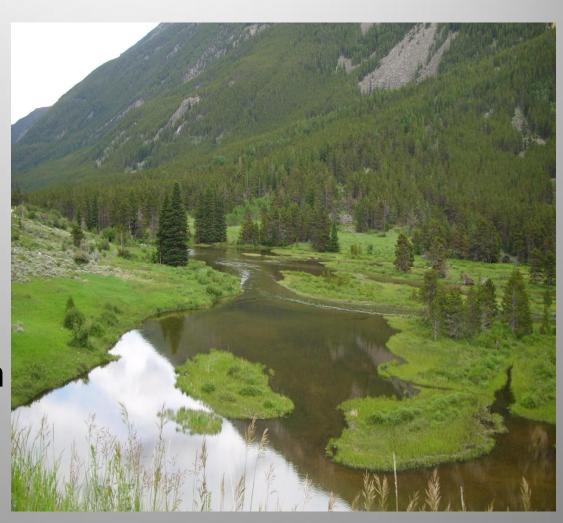


Platymus Muscle Disruption



Final Disposition

- Fisherman
- Nature Lover
- Hunter
- Ordinary Citizen



Trauma Management Always different Always the Same

Airway

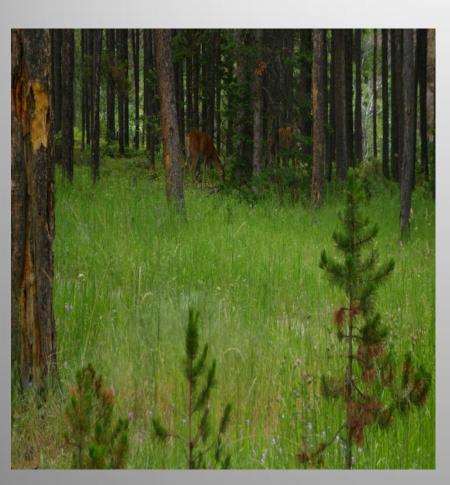
Breathing

Circulation

Questions?



For further information contact



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